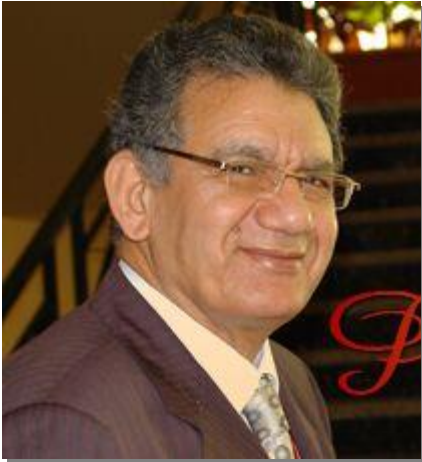# Dr. Khayri Abdel Hamid Ali Biography

**Professor Khayri Abdel Hamid Ali** is currently the President of October University of Modern Sciences and Arts (MSA), Cairo, Egypt.

Born in Cairo in 1947, Ali finished his secondary school education and joined the School of Engineering, Menoufia University in the Egyptian Delta heartland. He graduated with honours and was appointed a teaching assistant in his alma mater. His academic career continued steadily as he obtained his M.Sc. degree from Helwan University, Cairo, and went on to earn a Ph.D. in Computer Systems from the Royal Institute of Technology, Stockholm, 1984.

The best part of Ali's career was spent in Stockholm, Sweden (1977 – 1995). After obtaining his Ph.D., Ali rose to be a project leader of research projects on the parallel implementation of logic and concurrent constraints programming systems at the Swedish Institute of Computer Science (SICS). He was also a co-inventor of a parallel computer for or-parallel execution of logic programs. He developed (together with Roland Karlsson at SICS) the parallel Prolog system, MUSE, -- the most efficient, world-wide, Prolog system for shared-memory multiprocessors.

In a propitious manner, Ali's rise to prominence coincided with the ever-growing field of computer science studies. He was a project leader of a Belgium-Swedish project on Parallelization of PIM Prolog based on MUSE approach (Ali's method of parallelization of sequential Prolog systems), 1991 - 1992. He was also a project leader of an European research project of the ESPRIT programme (ParForce project) on developing software tools for parallelization of advanced programming environments, 1993 - 1994. He also developed (together with Lars-Erik Thorelli at the Royal Institute of Technology, Stockholm) a compiler for a systems programming language, named VSOP.

Ever since his return to his homeland in 1996, Ali furthered his career in the burgeoning academic environment of one of the first national private universities in Egypt: October University for Modern Sciences and Arts (MSA). His administrative skills gained throughout years of dedicated and finely tuned work found expression in the highly competent running of the newly established university. He became the Dean of the Faculty of Computer Science, Vice President, and then President of MSA. His dedication to quality education bore fruit in the signing of validation agreements with three British universities: Middlesex, Greenwich and Bedfordshire for eight of the nine MSA faculties and their related programmes.

Under his leadership as President of MSA University, Ali opens up a world of possibilities for this thriving academic institution. Besides, his academic interests are still very much alive. He is interested in techniques for parallel and distributed implementation of functional, logic, concurrent constraints and object-oriented programming systems. He is also interested in performance analysis and garbage collection algorithms.